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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	29766-71516
First Inventor	Yue Yun Wang et al.
Title	Method and Apparatus for On Board Diagnosis Engine
Express Mail Label	EV 337241538

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P. O. Box 1450
Alexandria VA 22313-1450

22389 U.S. PTO
10/700104

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **34**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **7**]
5. Oath or Declaration [Total Pages **2**]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Certificate Under 37 CFR 1.10

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number: **30450** or ☐ Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type) Jeffrey A. Michael

Registration No. (Attorney/Agent)

37,394

Signature

Jeffrey A. Michael

Date

November 3, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$878.00

Complete if Known

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Yue Yun Wang et al.
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	29766-71516

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

10-0435

Deposit
Account
Name

Barnes & Thornburg

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	770.00
1002	330	2002	165	Design filing	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND

Extra Claims		Fee from below		Fee Paid
Total Claims				
26	-20** =	6	X 18.00 =	108.00
Independent Claims	1 - 3** =	0	X 86.00 =	0.00
Multiple Dependent			0.00 =	0.00

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) \$108.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)


3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	0.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	0.00
1053	130	1053	130	Non - English specification	0.00
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	0.00
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	0.00
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	0.00
1251	110	2251	55	Extension for reply within first month	0.00
1252	410	2252	205	Extension for reply within second month	0.00
1253	930	2253	465	Extension for reply within third month	0.00
1254	1,450	2254	725	Extension for reply within fourth month	0.00
1255	1,970	2255	985	Extension for reply within fifth month	0.00
1401	320	2401	160	Notice of Appeal	0.00
1402	320	2402	160	Filing a brief in support of an appeal	0.00
1403	280	2403	140	Request for oral hearing	0.00
1451	1,510	1451	1,510	Petition to institute a public use proceeding	0.00
1452	110	2452	55	Petition to revive - unavoidable	0.00
1453	1,300	2453	650	Petition to revive - unintentional	0.00
1501	1,300	2501	650	Utility issue fee (or reissue)	0.00
1502	470	2502	235	Design issue fee	0.00
1503	630	2503	315	Plant issue fee	0.00
1460	130	1460	130	Petitions to the Commissioner	0.00
1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	0.00
1806	180	1806	180	Submission of Information Disclosure Statement	0.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	0.00
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	0.00
1801	750	2801	375	Request for Continued Examination (RCE)	0.00
1802	900	1802	900	Request for expedited examination of a design application	0.00
Other fee (specify) 0					0.00

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) \$0.00

SUBMITTED BY

Name (Print/Type)	Jeffrey A. Michael	Registration No. (Attorney/Agent)	37,394	Telephone	317-231-7283
Signature		Date	November 3, 2003		

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BARNES & THORNBURG

11 South Meridian Street
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(317) 236-1313

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group: Unknown

Attorney

Docket: 29766-71516

Applicant: Yue Yun Wang

Invention: METHOD AND
APPARATUS FOR ON
BOARD DIAGNOSING
ENGINE DELTA
PRESSURE SENSOR
FAILURES

Serial No: Unknown

Filed: Herewith

Examiner: Unknown

Certificate Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS: Patent Application, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

on November 3, 2003
Angela Kay Lanning
(Signature)

Angela Kay Lanning
(Printed Name)

CERTIFICATE UNDER 37 C.F.R. § 1.10

Mail Stop: Patent Application
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

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Respectfully submitted,

Angela Kay Lanning
Signature

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Typed or Printed Name

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